

European Association of Geochemistry  
and Geochemical Society

21<sup>st</sup> Annual

# Goldschmidt Conference

Prague | Czech Republic | August 14–19, 2011

## Prague, the **City of a Hundred Spires** and the capital of the Czech Republic,

will be hosting the 21<sup>st</sup> annual V. M. Goldschmidt Conference between August 14 and 19, 2011. One thousand years ago Prague was the third-largest European city, and today it has established itself as the fourth-largest tourist destination on the Old Continent (following Paris, London and Rome).

Meeting preparations are in full swing. The conference will take place in the Prague Congress Center, overlooking the historical town quarters, and the 1100-year-old Royal Castle. Once you enter the Congress Center, conveniently located near an underground station, you will be able to reach any of the 20 lecture halls, the poster sessions and the exhibitors' area in less than a minute. The smoothly operating public transport system will take you to the conference venue in less than 30 minutes, regardless of the location of your hotel or student dormitory. Budget accommodation has been negotiated at student dormitories for over 1600 conference participants.

Half-day city sightseeing tours and two-day pre- and post-conference field trips will visit some of the nation's 12 protected UNESCO World Heritage castles and country houses, as well as cities like Cesky Krumlov and Telc, and natural preserve areas.

The scientific program will be a well-balanced mix of high- and low-temperature geochemistry, and biogeochemistry and environmental themes. The Scientific Program Committee of the 21<sup>st</sup> Goldschmidt Conference, along with the local organising team, look forward to welcoming you all to a stimulating and rewarding gathering in Prague in 2011. In addition to being the geographical centre of Europe, for one week in the middle of August 2011, Prague will hopefully also become the scientific heart of Europe.

**Martin Novak**  
Goldschmidt2011



## European Association of Geochemistry

[www.eag.eu.com](http://www.eag.eu.com)



## Société Française de Minéralogie et de Cristallographie

[www.sfmc-fr.org](http://www.sfmc-fr.org)

### 2010 EAG MEDALLISTS

#### CHARLES H. LANGMUIR, RECIPIENT OF THE UREY MEDAL



Charles H. Langmuir is the 2010 recipient of the Urey Medal, awarded by the European Association of Geochemistry for his outstanding contributions to our understanding of the geochemistry of terrestrial basalts. He has shown great intuition in formulating elegant and insightful models for the genesis of magmas at mid-ocean ridges and in arc and back-arc settings. More information about Charles Langmuir is available at [www.people.fas.harvard.edu/~langmuir/homepage.html](http://www.people.fas.harvard.edu/~langmuir/homepage.html).

#### WILLIAM H. CASEY, RECIPIENT OF THE SCIENCE INNOVATION AWARD



The EAG Science Innovation Award comprises five medals, each in a distinct discipline; one medal is awarded each year. In 2010 the EAG awarded the Werner Stumm Medal for advances in low-temperature geochemistry and/or processes at the mineral-water interface. William Casey has been recognized for greatly improving our understanding of reactions between aqueous fluids and mineral surfaces through the use of novel atomic-scale techniques, including atomic force microscopy, elastic recoil detection, Rutherford backscattering, and NMR spectroscopy. Much of his recent work has centered on studying large aqueous clusters, which mimic the behavior of mineral surfaces. He is currently a professor of geology and chemistry at the University of California, Davis. More information about William Casey can be obtained at [www.eag.eu.com/William\\_Casey.html](http://www.eag.eu.com/William_Casey.html).

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#### KARIM BENZERARA, RECIPIENT OF THE HOUTERMANS MEDAL



This year's Houtermans Medal was awarded to Karim Benzerara (Institut de Minéralogie et de Physique des Milieux Condensés, Paris), a highly talented young scientist working at the interface between mineralogy and microbiology. Karim has studied a range of problems, reflected in more than 30 peer-reviewed publications in top journals. For example, he has clearly demonstrated that, at least in some instances, so-called nanobacteria are a

complex association of minerals and proteins. Using the best microscopy tools, he has shown that carbonate minerals from microbialites, such as stromatolites, are mostly formed on extracellular polysaccharidic substances produced by the cells, rather than directly at cell surfaces. For more information about Karim, go to [www.ipgp.fr/pages/1611.php](http://www.ipgp.fr/pages/1611.php).

### THE SFMC GETS A NEW WEBSITE!

The Society is pleased to invite you to visit its fully redesigned website at [www.sfmc-fr.org](http://www.sfmc-fr.org). The new architecture of this dynamic website, built using the user-friendly SPIP CMS publishing system, will allow more efficient updates and enrichments. New links to mineralogical databases, job offers, meetings, and information related to the new SFMC working groups ("Synchrotron" and "Igneous Petrology") will be posted on the site. Contributions from the mineralogical community are welcome, and people wishing to post information are invited to contact Étienne Balan, Anne-Line Auzende, or Bertrand Devouard ([sfmc@ccr.jussieu.fr](mailto:sfmc@ccr.jussieu.fr)).

### THE GROUPE DE PÉTROLOGIE ENDOGÈNE (GPE) IS BORN

The French Igneous and Metamorphic Petrology Group promotes its activities in coordination with the SFMC. One of the first activities of the GPE is to bring together researchers working in a broad spectrum of igneous, metamorphic, and structural petrology, including the study of natural and synthetic samples, field projects, etc. The main aim of the group is to provide information to members via a mail diffusion list, a website, and an annual scientific meeting. While the website is under construction, more information about GPE and its activities can be obtained from Michel Grégoire, the initiator of the group ([michel.gregoire@ntp.obs-mip.fr](mailto:michel.gregoire@ntp.obs-mip.fr)).

### MEETING ANNOUNCEMENTS

#### Training Days: "Méthodes d'Analyse des Matériaux et des Minéraux"

The Society will hold two training days in Paris, France (Pierre and Marie Curie University) on November 30 and December 1, 2010. These days will be devoted to reviewing a wide range of technical tools and, in the spirit of the previous sessions held in 2000, 2002, and 2004, will be open to a large audience of PhD students, engineers, and researchers. Each invited speaker will present one or two analytical methods suitable for the study of minerals and/or fluids. The speakers will show how parameters determined at molecular or nanometer scales can provide important constraints for understanding global processes. The organizing committee comprises Anne-Line Auzende ([Anne-Line.Auzende@impmc.upmc.fr](mailto:Anne-Line.Auzende@impmc.upmc.fr)), Marc Blanchard and Etienne Balan. Further information can be obtained at <http://sfmc-fr.org>.

#### 23<sup>e</sup> Réunion des Sciences de la Terre (RST)

The RST Earth sciences meeting will be held in Bordeaux on October 25–29, 2010. This joint FFG-SGF-SFMC meeting occurs every two years and brings together about 600 scientists from various fields in the Earth sciences. The meeting will be held on the Talence campus of the École Nationale Supérieure d'Électronique, Informatique & Radiocommunications of Bordeaux (ENSEIRB).

RST offers to students and senior scientists the opportunity to present their most recent work. More than 600 oral communications and 200 posters will be presented to academic and industrial geoscientists. Nine thematic sessions will be offered: Earth observation, geomorphology, natural hazards; Sedimentary basins, characterization of deposits, processes, hydrocarbon-bearing rocks; Geological fluids; Mineralogy and mineral resources; Paleoenvironments, paleoclimates; Erosion and sedimentary transport from continent to ocean; Geodynamics, tectonics, magmatism; Education, valorization, applications of geosciences; Transverse sessions. Seven fieldtrips (pre- and postmeeting) are proposed. Information is available on the website [www.rst2010.epoc.u-bordeaux1.fr/](http://www.rst2010.epoc.u-bordeaux1.fr/).

**RST**  
**BORDEAUX**